

ABSTRACT

According to an aspect of the present invention, a fiber comprising a styrene-isobutylene copolymer is formed by via a dry spinning process. Specific examples of copolymers for the practice of the present invention include copolymers comprising a polyisobutylene block and a polystyrene block, for instance, a polystyrene-polyisobutylene-polystyrene triblock copolymer. Other aspects of the present invention relate to medical articles which comprise the above dry spun fibers. Specific examples include medical articles comprising a woven region formed from the dry spun fibers, and medical articles comprising a non-woven region formed from the dry spun fibers.